

The Knowledge Bank at The Ohio State University
Ohio State Engineer

Title: Editorial

Issue Date: Oct-1931

Publisher: Ohio State University, College of Engineering

Citation: Ohio State Engineer, vol. 15, no. 1 (October, 1931), 10-11.

URI: <http://hdl.handle.net/1811/34831>

Appears in Collections: [Ohio State Engineer: Volume 15, no. 1 \(October, 1931\)](#)

EDITORIAL

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WELCOME FRESHMEN

ANOTHER school year has begun, and another group of Freshmen has started on a four-year journey through the halls of learning that should prove of great value to them and undoubtedly will prove intensely interesting. Some will be lost during the first year. Others will fall by the wayside later, while still others will be forced to drop out because of financial and domestic reasons. A goodly portion, however, will continue on through and receive a degree in the work which they have chosen for their career.

All will find life in college different from any phase of life they have been in contact with so far. It is the earnest desire of the OHIO STATE ENGINEER to be of as much service as possible to the Freshmen in every way. If we can help you to adjust yourself to your new mode of living, please feel free to call on us and to make suggestions.

It is with great pleasure that we welcome the class of 1935 to Ohio State. —R. M. E.

THIS "MOST FUNDAMENTAL" RACKET

IN THIS world we meet every kind of person and many kinds each day. It seems that everyone who is in a position to be judged an authority has his own opinion about what is the most fundamental thing, idea, profession, etc. Are we to believe that everything is "most fundamental?" If that is the case then nothing is, because everything would be on a level.

I can see that many things are absolutely necessary to our present status of living, but we could not say they are the most fundamental things in the world. For instance, there is mechanical and electrical engineering, medicine, chemistry, and physics. Before those came into being as organized sciences people followed the old plan of "live and let live." One must admit that our present civilization depends on those and many others, but the high men in each cannot fairly come out and say that *their* science or *their* profession is the most fundamental thing in the world.

They tell us in chemistry that *it* is the most important branch, along with physics, of science. In

Engineering Drawing we are told that orthographic is the simplest and most explanatory language. In mathematics they imply that everything must be explained by mathematics before it is true; and that mathematics involves the most exact mode of expression. The peculiar part of it is that everyone is sincere in his statement; he believes it himself and expects you to believe after him. The result is that until the student learns to doubt all such statements before some positive basis for belief is set up, he is "all up in the air."

Even within a branch a few professors like to emphasize their points by calling them "most fundamental." One professor's pet expression is something like this: "That, dear students, is one of the most fundamental things in . . ." If such an expression came only once in a great while, the desired emphasis would be gained, but they come so often that a person would have to be a walking encyclopedia in order to retain all the thoughts. Yet if they are all most fundamental, most of us poor students are missing a lot of golden knowledge.

Maybe I'm one-sided, antagonistic towards receiving a great deal of knowledge; maybe I only notice the minor things such as means of expression and criticize those persons endeavoring in the best way they know to give us an education. Maybe these fellows aren't a bit like this in private life, but 90 per cent of us students only know them behind a lecture table.

Really it is rather confusing, it makes us live so many kinds of lives. When that ten minutes between classes comes we must change completely and throw ourselves in an entirely different way, heart, body, and soul, into the task at hand. When comes the time of reconing (mid-terms and finals), we of so many personalities but only one mind must have everything oh! so carefully catalogued in order to redeem ourselves. If we don't we are liable to write down the law of mass action for the three unities.

It is not natural to be a person of so many personalities, but I found that the first thing I had to do was to accustom myself to such a life or

take poor grades. I tried "cramming" just before examinations and found it to be very poor practice. That is the only other method of solution that I can imagine from our end of the line. The different branches ought to get together somehow and learn to speak the same language, and confine themselves to a smaller number of "most fundamental" details.

—F. C. B.

E. E. HONORS LIST

At the beginning of each quarter the department of electrical engineering announces its honors list for the preceding quarter. This honor, to which only juniors and seniors are eligible, is based on a point average of 3.0 or above. Following is the honors list for the spring quarter of last year.

SENIORS	JUNIORS
D. S. Renner	G. R. Kuhner
W. P. Mueller	A. E. Newlon
P. H. Smart	R. S. Hull
J. M. Killoran	H. E. Forsha
W. V. Organian	C. E. Gagnier
C. B. Sloan	A. R. Keskinen
L. L. Young	

ACTIVITIES

WE ARE all attending this University presumably to get an education. The best way to get this education, or rather the way to get the best education, seems to be a matter of private and individual opinion. Some insist that books and classroom are the only sources of a true education while others say that classes and books are only the minor part of an education. They point to the records of numerous alumni who were bookworms and honor students and who never did anything but study the prescribed work. They point out that these men are for the most part flat failures in their professions or work. They have neither achieved social position, wealth, nor fame. On the other hand, there are very few records to show that the so-called campus "big-shots" ever make any great mark after graduation. Most of the great men of history, men who have achieved lasting fame, are men who have developed to a large extent the fourfold life, the spiritual, social, physical, and mental phases. These four phases may be likened to a square. If any side of this quadrangle be either neglected or overdeveloped, the polygon will be distorted and the person's life warped. If going to church or membership in a Y organization will develop our spiritual lives, it is part of our education. If belonging to a fraternity or other club will develop our personality or help us to live more harmoniously with our fellow-men, then that way of developing our social lives is worth while. Participation in athletics will develop our bodies and make us more free from disease and sickness and therefore is a part of any well-balanced program of education. Classroom and book study is one way to mental development.

We are here for four years of concentrated mental development. The opportunity can never come again. We owe it to those who make it possible for us to attend this University to make the most of this opportunity. However, if we do nothing else but study we will find ourselves in a rut, with a deformed personality. Some con-

structive diversion is necessary and activities are for this purpose. Activities help to make friends, broaden one's viewpoint, and develop personality. They abound on this campus in every form and many are open to freshmen. Athletics are offered in a number of different forms. Those interested in music will be interested in the glee clubs, chorus, orchestras, and bands. There are a number of campus publications which will interest those who like to write or those who need business experience. Then there are the Y organizations, the technical societies, debating teams, dramatic societies, and enough others to interest everyone.

Every student in the University should be in at least one good extra-curricular activity. The time taken will be time which would otherwise be wasted. The individual will be well repaid for the effort and time spent on any worthwhile activity.

—F. H. T.

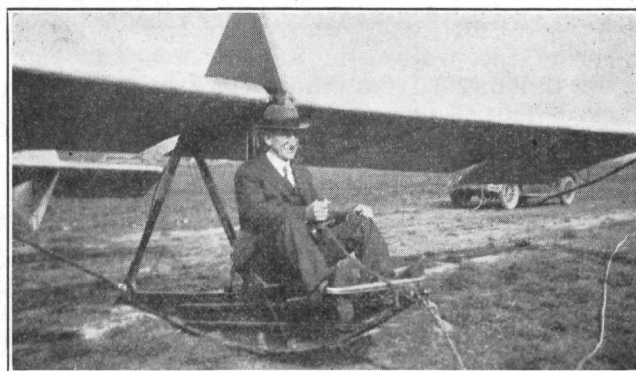
ALUMNI

Mr. Roy E. Cartzdafner, M.E., '03, who is Chief Engineer of the Magor Car Corporation of 30 Church St., New York, while visiting Columbus on business recently, called on some of his old friends in the faculty and renewed their acquaintanceship. He was much impressed by the growth of the University, both in buildings and equipment.

Hal B. McNichols, w'31, B.M.E., is living at the Chester Arms Hotel at Chester, Pa., and is in the employ of the Pure Oil Company.

Robert O. Klotz, '25, now connected with the Atlantic Gypsum Products Company, Portsmouth, N. H., as chief chemist, visited the Department of Chemical Engineering September 29, 1931.

Anthony George, Ph.D., '30, who has spent the past fourteen months studying and traveling through Germany, Austria, and the Isle of Crete, Greece, visited the Chemical Engineering Department September 14, 1931.



In the above picture we are treated to the sight of our dean about to take his first ride in a glider. The glider is owned by the O. S. U. Glider Club. The time is late last spring. The place is Sullivant Avenue Airport. Dean Hitchcock is an ardent aeronautics fan but until this time had done no gliding. Judging by the expression on his face he enjoys it thoroughly. Incidentally, both the Dean and the Glider Club are contributors to this issue.

The glider in the picture is the original Baker-Macmillan, the first one bought by the society. In the background can be seen the under-carriage of the club's own car, a Peerless of doubtful vintage.